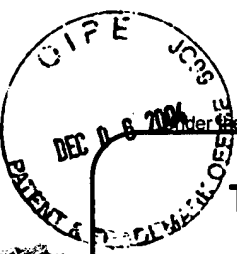


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1631 \$

PTO/SB/21 (09-04)

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Total Number of Pages in This Submission

Application Number	10/091,360
Filing Date	03/04/2002
First Named Inventor	Tsipouras et al.
Art Unit	1631
Examiner Name	Clow, Lorie A.
Attorney Docket Number	IK-110.3 (C)

ENCLOSURES (Check all that apply)

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| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
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1. PTO-1449 (PTO/SB/08A and /08B)
2. (17) References |
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Remarks

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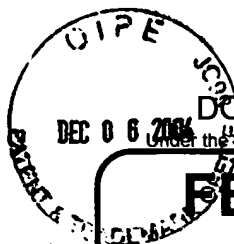
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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

Complete if Known

Application Number	10/091,360
Filing Date	03/04/2002
First Named Inventor	Tsipouras et al.
Examiner Name	Clow, Lori A
Art Unit	1631
Attorney Docket No.	IK-110.3(C)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☒ Other ☐ None☒ Deposit Account:Deposit
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☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
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1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
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8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00

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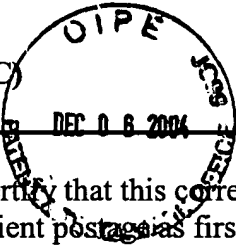
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Signature		Date	December 1, 2004		

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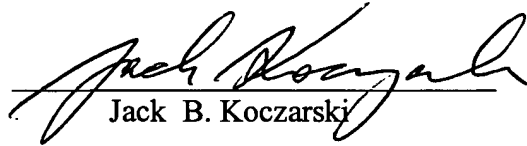
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Date: December 1, 2004


Jack B. Koczarski**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In the Application of:
Tsipouras et al.

CASE NO.: IK-110.3(C)

APPLICATION NO.: 10/091,360

GROUP ART UNIT: 1631

FILED: 03/04/2002

EXAMINER: Clow, Lori A

FOR: METHOD AND APPARATUS FOR COMPUTER CONTROLLED RARE CELL
INCLUDING FETAL CELL, BASED DIAGNOSIS**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

All copies of the references listed on the attached Form
PTO-1449 (PTO/SB/08A and PTO/SB/08B) have been provided.

- () In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required. The Commissioner is authorized to charge any fees required to Deposit Account No. 03-3975.

(X) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final

Action under §1.113 or a Notice of Allowance under §1.311, therefore:

() Certification in Accordance with §1.97(e) is set forth below.

(X) The fee of \$ 180.00 as set forth in §1.17(p) is attached.

() In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$ as set forth in §1.17(p).

Please charge any necessary fees to Deposit Account No. 03-3975.

The references are only provided in the English language or with an English language abstract or translation.

Date: December 1, 2004

Respectfully submitted,



Hans-Peter G. Hoffmann

Registration No. 37,352

PILLSBURY WINTHROP LLP

695 East Main Street, Suite A3

Stamford, CT 06901

Tel.: (203) 965-8271

Fax: (203) 965-8226

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	10/091,360
Filing Date	03/04/2002
First Named Inventor	Tsipouras et al.
Art Unit	1631
Examiner Name	Clow, Lori A.
Attorney Docket Number	IK-110.3 (C)

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS

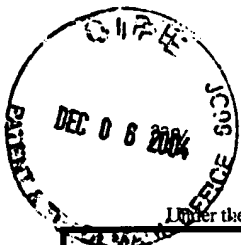
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	A	WO 99/58972	11/18/99	PCT		
	B	WO 99/08091	02/18/99	PCT		
	C	WO 99/02960	01/21/99	PCT		
	D	WO 97/43732	11/20/97	PCT		
	E	WO 97/20198	06/07/97	PCT		
	F	WO 94/02646	02/03/94	PCT		
	G	WO 93/18186	09/16/93	PCT		
	H	EP 0 713 086 B1	04/14/99	EPO		
	I	EP 0 595 506	05/04/94	EPO		

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			Application Number	10/091,360	
			Filing Date	03/04/2002	
			First Named Inventor	Tsipouras et al.	
			Art Unit	1631	
			Examiner Name	Clow, Lori A	
Sheet	1	of	1	Attorney Docket Number	IK-110.3(C)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Baxes, 1994, "Digital Image Processing Passage", U.S. , New York, Wiley, pp. 127-137	
	2	Mesker et al., 1994, "Detection of Immunocytochemically Stained Rare Events Using Image Analysis" Cytochemistry 17 pp. 209-215	
	3	Oosterwijk et al., 1998, " Strategies for Rare-Event Detection: An Approach for Automated Fetal Cell Detection in Maternal Blood" Am. J. Hum. Genet. 63, pp. 1783-1792	
	4	Oosterwijk et al., 1998, "Development of Preparation and Staining Method for Fetal Erythroblasts in Maternal Blood: Simultaneous Immunocytochemical Staining and FISH Analysis, Cytometry 32, pp. 170-177	
	5	Oosterwijk et al., 1998, "Fetal Cell Detection in Maternal Blood: A Study in 236 Samples Using Erythroblast Morphology, DAB and HbF Staining, and Fish Analysis" Cytometry 32 pp 178-185	
	6	Tanke et al., 1996, " Detection of Rare Event" Fetal Erythroblast in Maternal Blood Using Automated Microscopy", Early Devel. 47 Suppl. pp. S89-S93	
	7	Verwoerd et al., 1987, "Somatic Cell Mutation in Humans Detected by Image Analysis of Immunofluorescently Stained Erythrocytes", in : Clinical Cytometry and Histometry, Burger et al., eds., Academic Press, pp. 465-469	
	8	Lizardi et al., 1998, Mutation Detection and Single-Molecule Counting Using Isothermal Rolling-circle Amplification, Nature Genetics, 19 (3) pp225-232	

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